

**PROCESS FOR MOLDING AND FIRING ZEOLITE POWDER.**

Patent Number: EP0519073  
Publication date: 1992-12-23  
Inventor(s): MOURI MOTOYA (JP); OKABAYASHI SAJI (JP); MIYAMURA SHOICHI (JP); TAKEUCHI TATSURO (JP)  
Applicant(s): MIZUSAWA INDUSTRIAL CHEM (JP); TAKEDA CHEMICAL INDUSTRIES LTD (JP)  
Requested Patent: ☐ EP0519073, A4, B1  
Application Number: EP19910916539 19910913  
Priority Number(s): WO1991JP01226 19910913; JP19910000272 19910107  
IPC Classification: C04B33/02; C04B35/00; C04B35/16  
EC Classification: B01J20/18B, B01J20/28, B01J29/06, B01J37/00B, C04B35/19, C04B35/80B, C04B35/636B  
Equivalents: DE69115030D, DE69115030T, ☐ US5387564, ☐ WO9212104  
Cited Documents: EP0325425; EP0297942; JP61171539

---

**Abstract**

---

A mixture of 100 parts by weight of zeolite powder, 0.1 to 20 parts by weight of beta -1,3-glucan, a 1:1 layered clayey mineral, a 2:1 layered clayey mineral and a proper amount of water is kneaded to prepare a plasticizable molding composition of zeolite. The composition is molded by, for example, extrusion into a honeycomb structure and fired to give a fired honeycomb zeolite which is excellent in dimensional accuracy and mechanical strengths and useful as desiccant, catalyst, carrier therefor and so forth.

---

Data supplied from the esp@cenet database - I2